

ABSTRACT OF THE DISCLOSURE

5 The invention provides three human proteins associated with cell proliferation, referred to collectively as "APOP" and individually as "APOP-1", "APOP-2", and "APOP-3", and polynucleotides which identify and encode APOP. The invention also provides expression vectors, host cells, agonists, antibodies and antagonists. The invention¹ also provides methods for preventing and treating disorders associated with expression of APOP.